

# BLASTP ALIGNMENT OF C-TYPE LECTIN RECEPTOR-LIKE WITH MOUSE MACROPHAGE C-TYPE LECTIN

Score = 412 (145.0 bits), Expect = 1.2e-37, P = 1.2e-37

Identities = 85/215 (39%), Positives = 119/215 (55%), Frame = +1

SEQ ID NO. 4  
C-Type Lectin Receptor-Like: 55 EEPQDREKGLWWFQKLVWSMAVVSILLVCFTVSSVPHNFMYSKTVKRLSKLREYQQY 234

EE Q + KG QL AVVSI LS CF + +V H++ T + KL +Y

Macrophage C-Type Lectin: 4 EESQMKSGTRHPQLIPCFVAVVSIISFLSACFISTCLVTHHYFLRWTRGSVVKLSDY--- 60

SEQ ID NO. 4  
C-Type Lectin Receptor-Like: 235 HSSLTCVME----GKDIEDWSCCPTPTSFQSSCYFISTGMQSWTKSQKNCSVMGADLVV 402

H+ +TC+ E G W+CCP W +FQS+CYF Q+W +S++NCS M + LV

Macrophage C-Type Lectin: 61 HTRVTCIREEPQPGATGGTWTCCPVSWRAFQSNCFYFPLNDNQTHESERNCSGMSHLVT 120

SEQ ID NO. 4  
C-Type Lectin Receptor-Like: 403 INTEEHDFIIHNLKRNSSYFLGLSHPRGRHRHWVDHTPYNENVTWHSGEPPN-LDER 579

INT E +F+ L + SYFLGL+ WQWVD TP+N + FW GE N+ ++E

Macrophage C-Type Lectin: 121 INTEAEQNFVTQLLDKRFSYFLGLADENVEGQWQWVDKTPFPNPTVFWEKGESDNDFMEED 180

SEQ ID NO. 4  
C-Type Lectin Receptor-Like: 580 CAINFRSSQEWGNDIHCVPKHSICEMKKIYIMKYS 696

C ++ ++W WND CH + IC++ I K S

Macrophage C-Type Lectin: 181 CVVL-VHVHEKWVWVNDPCHFEVRRICKLPGITFNWKPS 218

FIG. 1

# BLASTP ALIGNMENT OF C-TYPE LECTIN RECEPTOR-LIKE WITH DENDRITIC CELL IMMUNORECEPTOR

Score = 529 (186.2 bits), Expect = 4.8e-50, P = 4.8e-50

Identities = 93/188 (49%), Positives = 130/188 (69%), Frame = +1

SEQ ID NO. 4  
C-Type Lectin Receptor-Like: 118 VVSILLVCFVSSVPHNFMYSKTVKRLSKLREYQQYHSSLTCVMEGKDIED--WSSC 291  
+++ LLL++ F ++ V+ + K + L K + H++L CV + +E+ WSSC

Dendritic Cell Immunoreceptor: 51 LIFFLLLAISFFIAFVI----FFQYSQLLEKKTTELVTLECVKKNMPVEETAWSCC 106

SEQ ID NO. 4  
C-Type Lectin Receptor-Like: 292 PTPWTSFQSSCYFISTGMQSWTKSQKNCVSGADLVVINTTEHDFIIHNLKRNSSYFLG 471  
P W SF S+CYFIST SW S+K+C+ M A L+VINT EE DFI NL+ S+YF+G

Dendritic Cell Immunoreceptor: 107 PKNWKSFSNICYFISTESASWQDSEKDCARMEAHLLVINTQEEQDFIQNLQEESEAYFVG 166

SEQ ID NO. 4  
C-Type Lectin Receptor-Like: 472 LSHPRGRRHQWVDHTPYNENVTFWHSCEPNNLDERCAIINFRSS-QEWGWNDIHCHVPH 648  
LS P G+RHWQWVD TPYNE+ TFWH EP++ +ERC ++NFR S + WGWN++C P

Dendritic Cell Immunoreceptor: 167 LSDPEGQRHWQWVDQTPYNESSTFWHPREPSDPNERCVLNFKRSPKRWGWNVDVNCCLGPQ 226

SEQ ID NO. 4  
C-Type Lectin Receptor-Like: 649 KSICEMMKIYI 681  
+S+CEM KI++

Dendritic Cell Immunoreceptor: 227 RSVCEMMKIHL 237

FIG. 2

# BLASTP ALIGNMENT OF C-TYPE LECTIN RECEPTOR-LIKE WITH C-TYPE LECTIN DDB27

Score = 529 (186.2 bits), Expect = 4.8e-50, P = 4.8e-50

Identities = 93/188 (49%), Positives = 130/188 (69%), Frame = +1

SEQ ID NO. 4 118 VVSILLSVGFTVSSVPHNFMYSKTVKRLSKLREYQQYHSSLTCVMEGKDIED--WSCC 291

C-Type Lectin Receptor-Like:

++ LLL++ F ++ V+ + K + L K + H++L CV + +E+ WSCC

DDB27:

51 LIIFFLLLAISFFIAFVI----FFQYSQLLEKKTTELVTHTLECVKKNMPVEETAWSCC 106

SEQ ID NO. 4 292 PTPWTSFQSSCYFISTGMQSWTKSQKNCVSGADLVVINTTEEHDFIIHNLKRNSSYFLG 471

C-Type Lectin Receptor-Like:

P W SF S+CYFIST SW S+K+C+ M A L+VINT EE DFI NL+ S+YF+G

DDB27:

107 PKNWKSFSNNCYFISTESASWQDSEKDCARMEAHLLVINTQEEQDFIFQNLQEEESAYFVG 166

SEQ ID NO. 4 472 LSHPRGRRHWQVVDHTPYNENVTFWHSGEPNNLDERCAIINFRSS-QEWGWNDIHCHVPH 648

C-Type Lectin Receptor-Like:

LS P G+RHWQWVD TPYNE+ TFWH EP++ +ERC ++NER S + WGWND++C P

DDB27:

167 LSDPEGQRHWQWVDQTPYNESSTFWHPREPSDPNERCVVLNFRKSPKRWGWNDVNCCLGPQ 226

SEQ ID NO. 4 649 KSICEMKKIYI 681

C-Type Lectin Receptor-Like:

+S+CEM KI++

DDB27:

227 RSVCEMMKIHL 237

FIG. 3

BLASTP ALIGNMENT OF C-TYPE (CALCIUM DEPENDENT, CARBOHYDRATE RECOGNITION DOMAIN) LECTIN RECEPTOR-LIKE, SUPERFAMILY MEMBER 6

Score = 448 (157.7 bits), Expect = 1.8e-41, P = 1.8e-41

Identities = 92/209 (44%), Positives = 130/209 (62%), Frame = +1

SEQ ID NO. 4

C-Type Lectin Receptor-Like:

49 PEEEP-QD--REKGLWWFQLKVVWSMAVSIILLSVCF TVSSVVP HNFMYSKTVKRLSKLRE 222

P E+P +D R+ G L + S+ ++ +LLL++ F V+ ++ YS+ ++ +

Mouse C-Type:

29 PREKPIRLRKPSP--SLLTSLMLL-LLLLAITFLVAFIIYFQ-KYSQLEEKKAAN 84

SEQ ID NO. 4

C-Type Lectin Receptor-Like:

223 YQOYHSSLTCVMEGKDIED--WSCCPTPWTSFQSSCYFIST--GMQSWTKSQKNCSVMGA 390

H+L C	+ED	WSCP	W	F	S	CY	+T	SW	KS++NCS	MGA
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Mouse C-Type:

85 IM--HNELNCTKSVSPMEDKVVWSCCPKDWRLFSGHCYLVPTVSSASWNKSEENC SRMGA 142

SEQ. ID NO. 4

C-Type Lectin Receptor-Like:

391 DLVVINTEEHDFFIIHNLKRNSSYFLGLSHPRGRRHWQWDHTPYNENVTFWHSGEPNL 570

LVVI + EE DFI L ++YF+GL G R WQWVD TPY E++TFWH+GEP++

Mouse C-Type:

143 HLVIQSQEEQDFITGILDTAAAYFIGL-WDTGHRQWQWVDQTPYEESITFWHNGEPSSG 201

SEQ ID NO. 4

C-Type Lectin Receptor-Like:

571 DERCAINFSSQEWGNDIHCHVPHKSICEMKKI 675

+E+CA I +R WGWNDI C + KS+C+MKKI

Mouse C-Type:

202 NEKCATIIRWKTGWGWNDISCSLKOKSVQMKKI 236

**FIG. 4**